



SAFETY DATA SHEET BISMUTH SULPHITE AGAR (MODIFIED)

Date of issue - 02/06/2005.

CM0201

Section 1. Chemical Product and Company Identification

Product No. CM0201
Trade name BISMUTH SULPHITE AGAR (MODIFIED)
Manufacturer Oxoid Ltd
Wade Road
Basingstoke
Hants.
RG24 8PW
Tel. 44 (0) 1256 841144
Fax. 44 (0) 1256 463388

Section 2. Composition, Information on Ingredients

Preparation - Hazardous ingredients (Europe)

Component	CAS No. / EINECS Number	Concentration	Classification	Risk Phrases
Sodium Sulphite	7757-83-7	7.30 % w/w	Xi - Irritant.	R32- Contact with acids liberates very toxic gas. R37- Irritating to respiratory system.
Ferrous Sulphate	7782-63-0 231-753-5	1.70 % w/w	Xn - Harmful.	R22- Harmful if swallowed.

Section 3. Hazards Identification

Most Important Hazards Not classified as hazardous.
Human health hazards - Eyes May cause slight transient irritation.
Human health hazards - Skin Material may cause irritation.
Human health hazards - Ingestion A large dose may have the following effects:- diarrhoea, nausea, vomiting.
Human health hazards - Inhalation Exposure to dust at high concentrations may have the following effects:- irritation of nose, throat and respiratory tract.

Section 4. First Aid Measures

First Aid - Eyes Wash out eye with plenty of water. Obtain medical attention if soreness or redness persists.
First Aid - Skin Wash skin with soap and water.
First Aid - Ingestion Wash out mouth with water. Have victim drink 1-3 glasses of water to dilute stomach contents.
First Aid - Inhalation Remove from exposure. Seek medical attention if you feel unwell.

Section 5. Fire Fighting Measures

Extinguishing Media - Suitable Use water spray, foam, dry chemical or carbon dioxide.

Section 6. Accidental Release Measures

Personal Precautions Wear appropriate protective clothing.
Spill Sweep up into suitable containers for recovery or disposal. Finally flush area with plenty of water.



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Section 7. Handling and Storage

Handling Avoid inhaling dust. Avoid contact with eyes, skin and clothing.
Storage Store at room temperature. Keep well closed and protected from direct sunlight and moisture.

Section 8. Exposure Controls, Personal Protection

Occupational Exposure Limits (Preparation) - Europe

Iron salts (as fe): UK EH40: OES 1mg/m³ 8hr TWA.
UK EH40: OES 2mg/m³ 15min STEL.

Protective Measures - Respiratory Recommended: Dust mask to EN149 FFP2S.

Protective Measures - Hands Disposable vinyl gloves.

Protective Measures - Eyes Safety glasses or chemical goggles to EN166, 167 and 168.

Section 9. Physical and Chemical Properties

Physical state Powder.
Colour Pale Green.
pH 7.4 - 7.8

Section 10. Stability and Reactivity

Stability Hygroscopic. Stable under recommended storage and handling conditions (see section 7).
Conditions to Avoid Exposure to direct sunlight.

Section 11. Toxicological Information

Acute toxicity Low order of acute toxicity.
Oral LD50 (rat) > 2000 mg/kg.
Dermal LD50 (rabbit) > 2000 mg/kg.
Inhalation LC50 (rat) > 20 mg/litre/4h.
Eye irritation The degree of irritation was insufficient to warrant labelling as an eye irritant.
Skin irritation The degree of irritation was insufficient to warrant labelling as a skin irritant.

Section 12. Ecological Information

Ecotoxicity No relevant studies identified.

Section 13. Disposal Considerations

Disposal considerations Dispose of according to all federal, state and local applicable regulations.
Container information Containers should be cleaned by appropriate methods and then re-used or disposed of by landfill or incineration as appropriate.

Section 14. Transport Information

UN : **UN number** Not classified.



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Section 15. Regulatory Information

Risk Phrases	Not applicable.
Safety Phrases	Avoid contact with skin and eyes.
EC Classification	This product is not classified according to the EU regulations.

Section 16. Other Information

MSDS first issued	02/07/2002
MSDS data revised	02/06/2005
Revisions Highlighted	Date of issue